



19  
Atty. Docket No. 3007-1008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Marian Elizabeth LUDGATE

PATENTS  
#15/B  
GARD  
4/29/03  
JES. JM  
J 3/1/03  
Confirmation No. 9824

Serial No. 09/509,687

GROUP 1644

Filed April 19, 2000

Examiner P. D. Tan

BIOASSAY FOR THYROID STIMULATING  
ANTIBODIES

**RECEIVED**

JAN 28 2003

TECH CENTER 1600/2900

AMENDMENT

Commissioner for Patents

Washington, D.C. 20231

Sir:

Responsive to the Official Action of June 24, 2002,  
please amend the above-identified application as follows:

Amend claim 36 as follows:

36. (twice amended) A clone expressing human TSH-R  
(thyotropin receptor) stably transfected with a reporter  
construct comprising cDNA of both

(i) a reactant capable of causing a measurable response when  
brought into contact with a corresponding substrate, and

(ii) a promoter comprising no more than two cAMP response  
elements (CREs),

whereby levels of the reactant vary with induced endogenous cAMP  
levels.

DO NOT  
ENTER  
P.N.  
1/31/03

B